IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of controlling the load in a mobile communication system in which at least one mobile station includes means for utilizing discontinuous transmission, comprising:

monitoring traffic load in different parts of the mobile communication system,

transmitting a control signal via a radio path to ~~said at least one~~ certain mobile ~~station~~ stations or mobile stations in a certain area in order to regulate filter parameters or a threshold value which the mobile ~~station utilizes~~ stations utilize for discriminating speech and background noise conveyed to a microphone in said mobile stations, when traffic load in some parts of the system exceeds a predetermined limit; and

regulating, by regulation means of said ~~at least one~~ mobile stations ~~station~~ as a response to said control signal, ~~those~~ said filter parameters or said threshold value which the mobile ~~station uses~~ stations use for discriminating speech and background noise conveyed to the microphone in such a manner that the ~~at least one~~ mobile ~~station~~ stations interpret sound arriving at the microphone as background noise more often and transmit ~~telecommunication~~ signals to the system more seldom ~~or more often~~.

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) A mobile communication system comprising:

a mobile exchange;

base stations in a data transmission connection to the mobile exchange;

monitoring means for monitoring load in different parts of the system;

control means responsive to the monitoring means for transmitting, via a radio path, a control signal to certain mobile stations or mobile stations in a certain area in order to regulate ~~those~~ filter parameters or a threshold value which the mobile stations utilize for discriminating speech and background noise conveyed to a microphone in said mobile

stations, when the monitoring means indicates that traffic load in some part of the system exceeds a predetermined limit; and

mobile stations in radio connection to the base stations, said mobile stations comprising means for utilizing discontinuous transmission, and regulation means for regulating ~~those~~ said filter parameters or said threshold value which the mobile stations utilize for discriminating speech and background noise conveyed to the microphone in response to receiving the control signal, in such a manner that said mobile stations interpret sound arriving at the microphone as background noise more often and transmit ~~telecommunication~~ signals to the system more seldom ~~or more often~~.

5. (Previously Presented) A mobile communication system as claimed in claim 4, wherein the monitoring means is arranged to monitor an amount of free traffic capacity of the data transmission connection between at least one base station and mobile exchange belonging to the system, whereby the control means is arranged to transmit said control signal to all those mobile stations from which a traffic connection is in progress via said at least one base station, when the control means indicates that the free traffic capacity is below a predetermined limit value.

6. (Previously Presented) A mobile communication system as claimed in claim 5, wherein said data transmission connection between the base station and the mobile exchange is a packet switched data transmission connection.

7. (Previously Presented) A mobile communication system as claimed in claim 4, wherein the monitoring means is arranged to monitor an amount of free traffic capacity of a certain base station, whereby the control means is arranged to transmit said control signal to all those mobile stations from which a traffic connection is in progress via said certain base station, when the free traffic capacity is below a predetermined limit value.

8. (Previously Presented) A mobile communication system as claimed in claim 4, wherein the monitoring means is arranged to monitor quality of traffic channels of a certain base station, whereby the control means is arranged to transmit said control signal to all those mobile stations from which a traffic connection is in progress via said certain base station, when the quality of the traffic channels is below a predetermined limit.

9. (Currently Amended) A mobile station comprising:

transmission means and reception means for receiving and transmitting ~~telecommunication~~ signals via a radio path;

a user interface with a microphone for receiving ~~voice~~ sound signals;

control means for utilizing discontinuous transmission, whereby the control means comprises signal processing means for processing the ~~voice~~ sound signals received through the ~~user interface~~ microphone by utilizing filter parameters or a threshold value, which indicate how speech and background noise received via the microphone should be discriminated, and which are stored in the mobile station, in order to detect speech from the ~~voice~~ sound signals received through the ~~interface~~ microphone;

detection means for detecting a predetermined control signal received by the reception means via the radio path; and

regulation means, responsive to the detection means, for changing said filter parameters or said threshold value which indicate how speech and background noise received via the microphone should be discriminated and which are utilized in speech detection, in such a manner that the signal processing means interprets the ~~voice~~ sound signals received through the user ~~interface~~ microphone as background noise more seldom or more often.

10. (Currently Amended) The method of claim 1, wherein the ~~configuration~~ parameters are at least in part associated with a filter.

11. (New) A controller of a mobile communication system, said controller comprising means for triggering a transmission, via a radio path, of a control signal to certain mobile stations or mobile stations in a certain area in order to regulate filter parameters or a threshold value which the mobile stations utilize for discriminating speech and background noise conveyed to a microphone in said mobile stations, when said controller receives information indicating that traffic load in some part of the system exceeds a predetermined limit.